

**Part 350. Carcinogens  
Compared With  
29 C.F.R. 1910.1003 Carcinogens**

**Summary:** Part 350. Carcinogens is identical to 29 C.F.R. 1910.1003 except for the following provisions shown in the side-by-side comparison.

**Part 350. Carcinogens  
Detailed Comparison With  
29 C.F.R. 1910.1003 Carcinogens**

The comparisons show only those provisions where MIOSHA rules are different than OSHA  
or where MIOSHA rules are not included in 29 C.F.R.

<b>MIOSHA</b>	<b>OSHA</b>
<p><b>R 325.35003 Requirements for areas containing a carcinogen.</b></p> <p><b>Rule 3.</b></p> <p>(8) Laboratory activities. All of the following requirements apply to research and quality control activities involving the use of a carcinogen:</p> <ul style="list-style-type: none"><li>(a) Mechanical pipetting aids shall be used for all pipetting procedures.</li><li>(b) Experiments, procedures, and equipment that could produce aerosols shall be confined to laboratory-type hoods or glove boxes.</li><li>(c) Surfaces on which a carcinogen is handled shall be protected from contamination.</li><li>(d) Contaminated wastes and animal carcasses shall be collected in impervious containers that are closed and decontaminated before removal from the work area. The wastes and carcasses shall be incinerated in a manner so that carcinogenic products are not released.</li><li>(e) All other forms of carcinogens shall be inactivated before disposal.</li><li>(f) Laboratory vacuum systems shall be protected with high-efficiency scrubbers or with disposable absolute filters.</li><li>(g) An employer shall ensure that all of the following provisions are met for employees engaged in animal support activities:<ul style="list-style-type: none"><li>(i) Employees shall be provided, and required to wear, a complete protective clothing change, clean each day, including coveralls, or pants and shirt, foot covers, head covers, gloves,</li></ul></li></ul>	<p><b>No comparable OSHA provisions</b></p>

<p>and appropriate respiratory protective equipment or devices.</p> <ul style="list-style-type: none"> <li>(ii) Employees shall remove and leave protective clothing and equipment at the point of exit before each exit from a regulated area and at the last exit of the day and place used clothing and equipment in impervious containers at the point of exit for purposes of decontamination or disposal. Containers shall comply with requirements set forth in R 325.35008.</li> <li>(iii) Employees shall wash hands, forearms, face, and neck upon each exit from a regulated area close to the point of exit and before engaging in other activities.</li> <li>(iv) Employees shall shower after the last exit of the day.</li> </ul> <p>(h) An employer shall ensure that all of the following provisions are met for employees engaged in animal support activities:</p> <ul style="list-style-type: none"> <li>(i) Provide, and require employees to wear, a clean change of appropriate laboratory clothing, such as a solid front gown, surgical scrub suit, or fully buttoned laboratory coat.</li> <li>(ii) Employees shall remove and leave protective clothing and equipment at the point of exit before each exit from a regulated area and at the last exit of the day and place used clothing and equipment in impervious containers at the point of exit for purposes of decontamination or disposal. Containers shall comply with the requirements set forth in R 325.35008.</li> <li>(iii) Employees shall wash hands, forearms, face, and neck upon each exit from the regulated area close to the point of exit and before engaging in other activities.</li> </ul> <ul style="list-style-type: none"> <li>(i) Air pressure in laboratory areas and animal rooms where a carcinogen is handled and bioassay studies are performed shall be negative in relation to the pressure in surrounding areas. Exhaust air shall not be discharged to regulated areas, nonregulated areas, or the external environment unless decontaminated.</li> <li>(j) There shall not be a connection between regulated areas and any other areas through the ventilation system.</li> <li>(k) An employer shall maintain a current inventory of carcinogens.</li> </ul>	
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<p>(l) Ventilated apparatus, such as laboratory-type hoods, shall be tested at least semiannually or immediately after ventilation modification or maintenance operations, by personnel who are fully qualified to certify correct containment and operation.</p> <p><b>R 325.35004 General regulated area requirements.</b></p> <p><b>Rule 4.</b> (1) A daily roster of employees entering regulated areas shall be established and maintained. The rosters or a summary of the rosters shall be retained for a period of 20 years. The rosters or summaries shall be provided upon request to the director or his or her authorized representative. If an employer ceases business without a successor, then rosters shall be forwarded by registered mail to the director.</p>	<p><b>No comparable OSHA provisions</b></p>
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